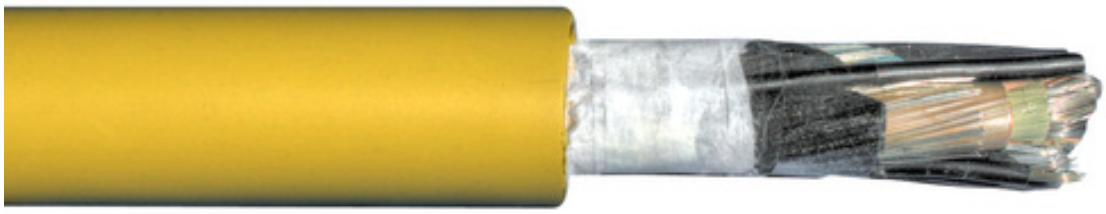
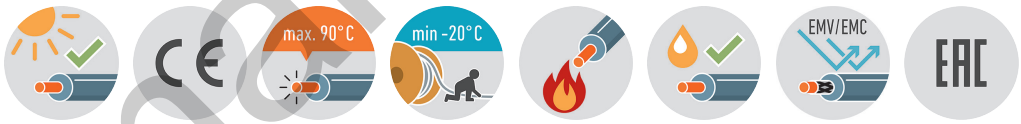
Rubber insulated cable
(N)SSHÖU /3E



Application: Designed to withstand high mechanical stress. For the connection of heavy duty underground mining, industrial and construction equipment, in dry and damp areas and outdoors. The cable is largely flame- and oil-resistant. For applications with specific requirements to EMC.

Construction and technical data:

Standard:	VDE 0250 T. 812 (with ref. to)
Conductor material:	tinned copper
Conductor construction:	Class 5 = flexible
Insulation:	rubber (EPR) 3GI3
Arrangement of protective conductors:	copper spiral shield on each core
Sheathing material:	rubber (CR) 5GM5
Colour of outer sheath:	yellow
Flame-retardant:	VDE 0482-332-1-2/IEC 60332-1-2
UV-resistant:	yes
Oil-resistant:	EN 60811-404
Ozone-resistant:	yes
For outdoor use:	yes
Max. temperature at conductor, °C:	90 °C
Permitted outer cable temperature, fixed, °C:	-40 - +80 °C
Permitted outer cable temperature, moved, °C:	-20 - +80 °C



The products and information presented here are for technical calculation only. They are subject to technical progress and in no way represent the ability of shipment. Outer diameters are approximately.

(N)SSHOEU /3E

Nominal voltage Uo:	0.6 kV
Nominal voltage U:	1 kV
Test voltage:	3 kV

part no.	part name	Rl [Ohm/km]	Ibl [A]	Rbv [mm]	Rbb [mm]	Ø [mm]	Fzv [N]	Cu [kg/km]	G [kg]
050821	3X2.5 + 3X2.5/3E	8.21	30	66	83	16.5	112	144	370

part no.	part name	Rl [Ohm/km]	Ibl [A]	Rbv [mm]	Rbb [mm]	Ø [mm]	Fzv [N]	Cu [kg/km]	G [kg]
050822	3X6 + 3X6/3E	3.39	53	78	98	19.5	270	298	602
050823	3X10 + 3X10/3E	1.95	74	96	121	24.1	450	442	912
050824	3X95 + 3X50/3E	0.21	301	221	276	55.2	4275	3437	5391
050825	3X2.5 + 3X2.5/3E + 3X1.5 St	8.21	30	76	96	18.9	112	198	470
051259	3X4 + 3X4/3E + 3X1.5 St	5.09	41	78	97	19.4	180	285	600
050826	3X6 + 3X6/3E + 3X1.5 St	3.39	53	89	111	20.9	270	341	620
050827	3X10 + 3X10/3E + 3X2.5 St	1.95	74	100	126	24.7	450	514	940
050828	3X16 + 3X16/3E + 3X2.5 St	1.24	99	116	146	29.1	720	754	1310
050829	3X25 + 3X16/3E + 3X2.5 St	0.795	131	128	161	32.5	1125	1042	1740
052367	3X25 + 3X25/3E + 3X2.5 St	0.795	131	128	160	31.9	1125	1176	1853
050830	3X35 + 3X16/3E + 3X2.5 St	0.565	162	144	180	36.7	1575	1368	2240
050831	3X50 + 3X25/3E + 3X2.5 St	0.393	202	173	216	43	2250	1896	3160
050832	3X70 + 3X35/3E + 3X2.5 St	0.277	250	184	231	46.8	3150	2587	4210
050833	3X95 + 3X50/3E + 3X2.5 St	0.21	301	217	271	53.6	4275	3509	5520
050834	3X120 + 3X70/3E + 3X2.5 St	0.164	352	248	310	57.9	5400	4440	6730
052542	3X150 + 3X70/3E + 3X2.5 St	0.132	404	233	350	58.3	6750	5064	7250
051039	3X150 + 3X95/3E + 3X2.5 St	0.132	404	256	384	63.9	6750	5304	8220

Rl	Conductor resistance
Ibl	Ampacity in air (30 °C)
Rbv	Bending radius, fixed installation
Rbb	Bending radius, moving application
Ø	outer diameter approx.
Fzv	Tensile strength (during installation)
Cu	Copper weight (GER)
G	net weight per 1000